

Date:

June 24, 2011

To:

Penelope Townsley, Director

Department of Small Business Development

From:

Rødney McMillian

Special Project Administrator Public Works Department

Subject:

Notice of Construction Project:

Contract No: CICC 7360-0/08
Request for Price Quotation (RPQ)

RPQ No. 20110063

Roadway Resurfacing Contract

DEPT. BUSINESS DE

RECOMMENDATION

Contracts and Specifications staff has evaluated the subject project and recommends Community Small Business Enterprise (CSBE) Trade Set-asides based on this Work Order generated project and construction sub-trades required to perform and complete the construction work. The cost estimate is \$1,053,233.48. The Public Works Department (PWD) staff checked the availability of CSBE Subcontractors and has attached the PWD Project Measure Analysis and Recommendation findings along with other supporting documents for consideration. PWD staff met with the Department of Small Business Development's (SBD) Construction Manager in an effort to seek out additional opportunities for CSBEs. The Community Workforce Program (CWP) is not applicable to this project. PWD received a response from the Geocode System which determined that the work locations are not in a Designated Target Area (DTA).

BACKGROUND

Asphalt surfaces have a typical service life of 8 to 12 years, depending on traffic and weather conditions. Asphalt resurfacing is necessary when the asphalt surface has reached the end of its service life or if other methods of restoration cannot repair the roadway. This project is needed for the construction of new asphalt surfaces throughout Miami-Dade County that will improve driving conditions as well as the aesthetics of the roadway. Asphalt resurfacing is a multi-step process that usually involves several work crews, accompanied by proper construction signs and work-zone traffic control measures to maintain public safety.

If any additional information is needed, please call me at (305) 375-5320, or Frank Aira at (305) 375-2930.

Page 2 RC Action 20110063

RM/rm

Attachments (2)

C: Kelly Duncombe, SBD Ileana Quintana, SBD Bassam Moubayed, SBD Frank Aira, PWD Alicia Arce, PWD Project File

<u>DEPARTMENT INPUT</u> CONSTRUCTION CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

		T/PROJECT MEASU: ponsible Wage and Benefits				
эпеск аррпсавіе Оташанс	e(s): 🖂 90-143 Res	ponsible wage and Benefits	⊠ 03-237 (10f)	meriy 03-i) Community Workforce Progra	
	PRO	DJECT INFORMATION	See attachmen	ıt 🖂		
Contract/Project/*Work *Reference corresponding pr						
Contract/Project Title:	Roadway Resurfa	cing Project				
Description/Scope of Wo	rk: See Attached					
Estimated Cost: 1053233	Funding Source: 9	Other (specify)				
Location of Project (stre		ning and ending points) i.e. 1	2345 NE 23 rd Ct or \$	Starts at 13	5 St. ends at 145 St.	
PROJ	ECT ANALYSIS	FOR GOAL RECOMM	ENDATION (CW	VP) See	attachment 🖂	
Engineer/Department or	Agency's estimat	ted required workforce for	Project Work	Order 🔯:		
Trade/Skills Required		Est. # of workforce requ	aired per trade	er Charles I ann an Tan ann an Tan an Ann an Tan an Ann an An	Est. # of total days to	
Supervisor		1			complete job 240	
Foremen		1			240	
Operator		2			240	
above.		ber of days to complete the			tual amount of days indicated	
Sub-Trade	Est. Cost	% of Item to Base	Bid	Availabili	fv	
	\$	%			.,	
	\$	%				
	\$	%				
Set-Aside: Level 1 Lev	vel 2 🔲 Tevel 3 🗍	RECOMMEND Trade Set-Aside ⊠ Sub-		Warkford	oo Gool No Moosura	
	ntion: <u>CSBE avail: a (DTA)</u>				be performed is not within a	
Contact Person: Rodne		rank Aira				

C:\Review Committee Action Folder\Word Files\Review Committee Action-RC\7360 Cover and Analysis Memos\7360\Resurfacing\Analysis\20110063-SBD Analysis Form.docHarris/project analysis form Revised 1/15/03

Telephone No.:305-375-5320

DEPARTMENT INPUT CONSTRUCTION CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

Check applicable Ordinar	nce(s): 🛛 90-143 Resp	onsible Wage and Benefits	⊠ 03-237 (forme	erly 03-1) Community Workforce Progra	m
	<u>PRO.</u>	JECT INFORMATION	See attachment		
Contract/Project/*Wor *Reference corresponding					
Contract/Project Title:	Roadway Resurfac	ing Project			
Description/Scope of W	Vork: See Attached				
Estimated Cost: 10532	33.48 Funding Se	ource: Other (specify)			
Location of Project (st Various, please see a		ng and ending points) i.e. 12	345 NE 23 rd Ct or Sta	arts at 135 St. ends at 145 St.	
PRO	JECT ANALYSIS I	FOR GOAL RECOMME	ENDATION (CWI	?) See attachment ⊠	
Engineer/Department	or Agency's estimate	d required workforce for I	Project Work Or	rder :	
Trade/Skills Required		Est. # of workforce requi	eg annon Santon e anno anno anno anno anton anno anno ann	Est. # of total days to complete job	
Laborers		6		240	
above.		er of days to complete the		al to actual amount of days indicated	
Sub-Trade	Est. Cost	% of Item to Base	Bid A	vailability	
	\$	%			
	\$	%			
	\$	9/0			
Set Acides Level 1 .	aval 2 🗔 I aval 2 🗔	RECOMMENDA			
				Workforce Goal No Measure Work to be performed is not within a	
Designated Target A		omity and Geocode Tevea	еч сонян испон м	ork to be belief iffen is not within s	!
Date submitted to DI Contact Person: Rodi Telephone No.: 305-3	ney <mark>McMilli</mark> an or Fr	ank Aira			

To:	Penelope Townsley Department of Sma	v, Director Ill Business Development
From:	Rodney McMillian Special Project Adn Public Works Depa	
Date:	Friday, June 24, 20	11
Depar	tment: Public Works	
Contra	act Type:	
CICC	7360 – Single Trade	
Projec	et No.:	
20110	063	
Re-su	bmittal:	
	⊠No	
Contra	act/Project Title:	
Roadv	vay Resurfacing Cor	ntract
Stand	ard Industrial Code (SIC):
16-Hiç	ghway and Street Co	enstruction
Estima	ated Project Cost:	
\$1,053	3,233.48	
Fundi	ng Source:	
Road	Impact Fee (RIF)	
Bondi	ng Requirements:	Bid Bond– 5% of Base Bid Amount Performance Bond– 100% of Contract Award Amount
Metho	d of Award: Line Iter	m

Project No.: 20110063

Project Title: Roadway Resurfacing Contract

Detailed Scope of Work:

Work under this Contract includes furnishing of all supervision, labor, materials, tools, equipment and performing all operations required to construct the Work in accordance with the Contract Documents.

The work required for this Contract shall include, but is not limited to, the following: Milling and resurfacing, widening and resurfacing of intersecting streets, resurfacing of asphaltic pathways (pedestrian, bicycle, etc.) adjacent or not to the edge of pavement as necessary, temporary utility repairs (cold patches), clearing and excavating of shoulder areas or build- up, as directed by the Engineer; grading and clean-up of adjacent shoulders and removal of roots, as required, pavement markings including the installation of reflective pavement markers (blue/blue) at fire hydrant locations.

Resurfacing work may include any of the following:

- A. APPLICATION OF ASPHALTIC CONCRETE SURFACE COURSE TO EXISTING WEARING COURSE.
- B. Application of asphaltic concrete leveling courses to existing wearing surfaces prior to and in preparation for item (a) above.
- C. Application of asphaltic concrete to previously primed rock roads.
- D. Resurfacing of private driveways shall be limited to feathering of the asphaltic concrete mat to a point two (2) feet from the edge of the roadway. Resurfacing of the remainder of private driveways is expressly prohibited under this Contract, unless directed by the Engineer.
- E. The contractor shall adjust all storm water, water and sewer valves and manholes prior to resurfacing. All adjustments shall be made by the built-up method, not by the use of adjustment of rings.
- F. If any changes are required due to conflict of design and or field conditions, the Engineer will make the final determination.
- G. If any changes are required due to conflict of design and or field conditions, the Engineer will make the final determination.
- H. The Contractor and all subcontractors, under this Contract, are prohibited from performing any work, other than specified in the Contract and/or directed by the Engineer, within the limits of the project site, without prior written notification to the Engineer. This includes any work for private or commercial entities.

Required Contractor's Certification:

At the time of Bid and pursuant to the requirements of Section 10-3 of the Code of Miami-Dade County, Florida and these Solicitation and Contract Documents, the Bidder must hold a valid, current, and active Certificate of Competency as a General Engineering Contractor or as a Specialty Engineering Contractor, commensurate to the requirements of the Project's Scope of Work, in one or more engineering crafts to include Paving Engineering. The Specialty Contractor shall subcontract with a qualified contractor any work which is incidental to the specialty but is specified in the aforementioned Code as being the work of other than that of the Engineering Specialty for which certified.

Pursuant to Section 255.20, Florida Statues (F.S.) and in lieu of the above, the County may consider a bid from a Bidder that is a duly licensed Contractor in good standing that has been pre-qualified and considered eligible by the Florida Department of Transportation (FDOT) under Section 337.14, F.S. and Chapter 14-2, Florida Administrative Code, to perform the work described in the Contract Documents. Contractors seeking consideration under this paragraph shall submit along with the Bid Documents for review and consideration, current copy (ies) of their FDOT Certificate(s) of Qualification, Certification of Work Underway, and Status of Contract(s) On Hand. Acceptable FDOT prequalification(s) necessary to perform the work specified in the Project's Scope of Work shall include the Flexible Paving Work Class.

Additional Information - Permits, Licenses, Certifications, and General Regulations

Permits that are issued by the Public Works Department, Miami-Dade County for construction within the public right-of-way, as well as additional permits, which may be required by other municipalities or agencies, including those required for tree removal, will be the responsibility of the Contractor.

County Road Construction Projects – NO PERMITS issued to sub-contractors. Except work related to Traffic Signalization, School Flashing Signals, Internally Illuminated Street Name Sign (IISNS), Street lighting, and Traffic Signal Loops which will require a separate permit issued to an Electrical Contractor to perform such work.

Proje	ct No.:	20110063
Proje	ct Title:	Roadway Resurfacing Contract
4reas	s for po	ossible measures:
	c Contr c Stripe	ol: es and Markings; Painted and / or Thermoplastic
	tures: ting / R	Reconstruct Existing Structures; manholes, catch basins, inlets, valve boxes, etc.
Areas	s recor	nmended for CSBE Subcontractor Goal:
	•	es and Markings Reconstruct Existing Structures
Conti	ract Me	easure Recommendation:
		No Measure
		Set-Aside:
		Level I Level III
		Trade Set-Aside(s):
		Traffic Stripes and Markings: Painted and/or Thermoplastic Adjusting / Reconstruct Existing Structures
		Aggregate Set-Aside
		CSBE Subcontractor Goal
	\boxtimes	CWP: Not Applicable, Work Order locations do not appear to be in a DTA.
		 SW 288th Street from SW 127th Avenue to SW 132nd Avenue SW 127th Avenue from SW 288th Street to SW 285th Street SW 285th Street from St. Nazaire Blvd from SW 127th Avenue to St. Lo Blvd SW 127th Avenue from SW 285th Street to SW 268th Street SW 122nd Avenue (Florida Avenue) from SW 276th Street to St Lo Blvd SW 122nd Avenue from SW 268th Street to SW 276th Street
		DBE Subcontractor Goal

Project No.: 20110063

Project Title: Roadway Resurfacing Contract

Reason for Recommendation:

This is a single trade project; none of the primary trade related work (Resurfacing) can be subcontracted as per the Miscellaneous Construction Contract (MCC) specifications. Additionally, staff has met with the design engineer, construction project manager, and members of the industry and concluded that there is ancillary work which is required to complete the project which may be subcontracted. Ancillary work includes; Traffic Stripes and Markings, and, Adjusting / Reconstruct Existing Structures. This is a Countywide, Work Order generated project for which estimated quantities are established for line items utilized during construction instead of estimated dollar amounts. The aforementioned ancillary work may be minimal for each work order and may or may not be required on all Work Order (WO) locations identified during Contract duration. Therefore, PWD is recommending CSBE Trade Set-Asides which may or may not be utilized upon expiration of the Contract. This type of specialized work is associated with a limited number of licensed small business enterprise firms that are prime contractors. Also, this type of work is highly specialized and requires special equipment that is typically owned by the contractor.

Comments:

None.

CSBE Prime History of similar Contracts/Projects for previous three years:

None

Similar Projects previously submitted for RC Action:

Resurfacing with Overall Goal

RPQ No. 20070564-7360-\$1,000,000.00

RPQ No. 20070565-7360-\$1,000,000.00

RPQ No. 20070566-7360-\$1,000,000.00

RPQ No. 20070567-7360-\$1,000,000.00

RPQ No. 20070568-7360-\$1,000,000.00

PTP Traffic Signal Installation Contract Countywide with Overall Goal

Project No. 20070603-Capital-\$1,500,000.00

Project No. 20070604-Capital-\$1,500,000.00

Project No.: 20110063

Project Title: Roadway Resurfacing Contract

Scope of Work History Summary – Subcontracting Opportunities:

Areas recommended for CSBE Goal (PWD/SBD):

Concrete work and Traffic Stripes and Markings: Painted and Permanent

Areas used to meet subcontractor goal (Awarded Contractor):

Not applicable

RPQ No.:	CSBE Contract Measure:	Amount achieved:
RPQ No. 20070564	10% Overall Subcontractor Goal	Awarded 1/29/08
RPQ No. 20070565	10% Overall Subcontractor Goal	Awarded 11/28/07
RPQ No. 20070566	10% Overall Subcontractor Goal	Awarded 11/28/07
RPQ No. 20070567	10% Overall Subcontractor Goal	Awarded 1/29/08
RPQ No. 20070568	10% Overall Subcontractor Goal	Awarded 1/29/08
Project No. 20070603	9% Overall Subcontractor Goal	Awarded 5/29/08
Project No. 20070604	9% Overall Subcontractor Goal	Awarded 5/29//08



Resurfacing Estimate for Exterior Roads (International Air Show Event - HAFB)



Location: #1- SW 288 ST from SW 127 AV to SW 132 AV / #2- SW 127 AV from SW 288 ST to SW 285 ST / #3- SW 285 ST (ST Nazaire Blvd) from SW 127 AV to ST Lo Blvd / #4- SW 127 AV from SW 285 ST to SW 268 ST / #5- SW 122 AV - Florida AV & SW 276 ST to ST Lo Blvd / #7- SW 122 AV from SW 268 ST to SW 276 ST

			0/	Average	
ITEM#	DESCRIPTION	UNIT	QTY	Price	TOTAL
1WSR	SAW CUT EXIST, TRENCH & REM. EXIST, COLD PATCH	S.F.	1,502		\$5,257.00
	REPLACEMENT OF BASE & COLD PATCH (8") & 6" ASPHALT	S.F. P.N.	5,810 2	\$6.50 \$750.00	\$37,765.DC \$1,500.00
	NIGHT DIFFERENTIAL FOR PAVING REPAIR NIGHT DIFFERENTIAL FOR MILLING	P.N.	2	\$750.00	
	NIGHT DIFFERENTIAL FOR RESURFACING	P.N.	2		\$1,500.00
	MOBILIZATION FOR MILLING	PER/SEC	. 5		\$3,500.00
102-74-2	BARRICADES (Temporary, Type III, 6')	EA/DAY	5	\$0.65	
102-74-3	BARRICADES Type I, II (w/ High intens. Flash lights)	EA	250	\$0.50	
102-76	FLASHING ARROW BOARD (Temporary)	EA/DAY. EA/DAY	41	\$20.00 \$1.00	
102-77 102-8A	HIGH INTENSITY FLASHING LIGHTS (Temp. Type B) RE-GRADE EXISTING SWALE (without sod)	S.Y.	- 50		\$2.00 \$250.00
102-91-4	TEMPORARY MESSAGES (Only, Merge, School, RR)	EA.	19	\$40.00	The state of the s
102-91-7	TEMPORARY DIRECTIONAL ARROWS (White or Yellow) Paint	EΑ	26	\$25.00	\$ 650.00
102-91-1A	SOLID TEMP.PAV. MARKING (YELL/WHT) (any width Paint)	L.F.	43,846	\$0.20	
	WORK ZONE SIGNS	EA/DAY	236	\$1.00	
102-91A 110-4	SKIP TEM.PAV. (10' x 30' YELL/WHT)(any width Paint)	L.F. S.Y.	9,110 141	\$0.30 \$3.00	and the frequency of the second secon
120-1	REMOVAL EXISTING PAVEMENT REGULAR EXCAVATION	C.Y.	50	\$6.00	
120-2-2	BORROW EXCAVATION	C.Y.	50	\$5.50	\$275.00
120-2-3	EMBANKMENT FOR ROAD BUILD-UP	C.Y.	45	\$6.50	\$2 92.50
120-2-4	EMBANKMENT MATERIAL FOR SHOULDER	C.Y.	98	\$6.50	\$637.00
160-4	TYPE "B" STABILIZATION (12" Thick)	S.Y.	50 50	\$3.00 \$12.00	The Control of the Co
210-1-2	LIMEROCK BASE (8" double course primed) MILLING EXISTING PAVEMENT (1")	S.Y.	79,472	\$2.25	
327-70 334-2-13-1	HOT MIX ASPHALT, TRAFFIC C, SP-9.5	TON	1,110	\$72.00	Processing the second s
337-8-42	HOT MIX ASPHALT FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	TON	4,927	\$80.00	
425-4(2)	ADJUSTING INLETS	EA.	1	\$150.00	
425-5	ADJUST MANHOLE	EA.	16	\$300.00	\$4,800.00
425-6	ADJUST EXISTING VALVES BOXES	EA.	49	\$175.00	\$8,575.00
425-721E	Removal, disposal & pick up new frames at MDWS & install MH Remov, disposal & pick up new at MDWS & install Water Valves	E.A.	3	\$350.00 \$225.00	
425-721F 425-944B	RECONSTRUCT MANHOLE	E.A.	1	\$300.00	
575-1-1	SODDING (PENSACOLA BAHIA OR MATCH EX.)	S.Y.	330	\$3.50	\$1,155.00
700-40-01	ROADSIDE SIGNS (single post) (less than 12 S.F)	AS.	14	\$250.00	\$3,500.00
700-46-22	RESET EXISTING POST AND SIGN	EA.	2	\$50.00	
705-71-361	36" TUBULAR DELINEATOR	EA.	10	\$48.00	Control of the contro
706-1-12	REFLECTIVE PAVEMENT MARKERS (mono/bi-direct all colors) PAVEMENT MESSAGES (Only, Merge, School, RR) THERMO	EA.	1,940	\$4.00 \$110.00	and the reason of the second o
711-3 711-4	DIRECTIONAL ARROWS THERMO	EA.	72	\$55.00	
711-5	GUIDELINES (6" 2' x 4") WHT THERMO	L.F.	150	\$1.00	
711-7	REMOVE EXISTING PAVEMENT MARKINGS	\$.F	200	\$2.50	
711-11-121	SOLID TRAFFIC STRIPE (6"WHITE) THERMO	L.F.	42,124	\$0.60	
711-11-122	SOLID TRAFFIC STRIPE (8"WHITE) THERMO	L.F.	90 759	\$0.80	
711-11-123 711-11-124	SOLID TRAFFIC STRIPE (12" WHITE) THERMO	L.F.	1.100	\$1.50 \$2.00	Annial Company of the
711-11-124	SOLID TRAFFIC STRIPE (18" WHITE) THERMO SOLID TRAFFIC STRIPE (24" WHITE) THERMO	L.F.	1,602	\$2.50	
711-11-221	SOLID TRAFFIC STRIPE (6"YELLOW) THERMO	L.F.	19,207	\$0.60	
711-11-224	SOLID TRAFFIC STRIPE (18" YELLOW) THERMO	L.F.	· 744	\$2.00	
711-2A	SKIP TRAFFIC STRIPE (4" WHT/YELL 6' x 10') THERMO	L.F.	96		\$110.40
711-33-34	SKIP TRAFFIC STRIPE (4" WHT/YELL 10' x 30') THERMO	L.F.	2,520		\$1,890.00
711-35-41	SOLID TRAFFIC STRIPE (4"WHITE) THERMO SOLID TRAFFIC STRIPE (4"YELLOW) THERMO	L.F.	1,000 1,500	\$0.50 \$0.50	
711-36-41 711-33A	SKIP TRAFFIC STRIPE (4" YELLOW) THERMO SKIP TRAFFIC STRIPE (6" WHT/YELL 10' x 30')	L.F.	3,250		\$2,925.00
110-4-1-1	REMOVAL AND REPLACE CURB AND GUTTER	L.F.	226		\$6,780.00
110-4-2A	Removal of Existing Concrete Sidewalk (up to 8" thick, including base preparation)	S.Y.	54	\$8,00	\$432,00
522-1(1)	Concrete Sidewalk [4" thick, 3,000 psi concrete at 28 days (Includes the cost of pedestrian ramps and sidewalk curbs]	S.Y.	67	\$40.00	months are a second and a second at a
522-2	Concrete Sidewalk (6" thick, 3,000 psi concrete at 28 days) (Including pedestrian ramps and sidewalk curbs]	S.Y.	55		\$2,420.00
527-2	DETECTABLE WARNING ON WALKING SURFACE	S.F. EA	108 10	\$30.00	\$3,240.00 \$260.00
710-3S	PAVEMENT MESSAGES (Symbol Paint)		1	, Ψ20.00	\$822,754.45
000 02	CONTRACT BASE AMOUNT	L.S	-		\$82,275.45
999-02 102-1P	CONTINGENCY ALLOWANCE (10% BASE ESTIMATE) MAINTENANCE OF TRAFFIC (2%)	L.U	 		\$16,455.09
102-1P 102-10A	OFF-DUTY LAW ENFORCEMENT OFFICER	L.S	 		\$10,000.00
300-1-999	BITUMINOUS MATERIAL ADJUSTMENT	L.S			\$25,000.00
990	ALLOWANCE PERMITS	L.S			\$1,000.00
	TOTAL COST	<u> </u>			\$957,484.98
	CEI Estimated Cost (10%)	L.S	1	 	\$95,748.50
l	TOTAL ESTIMATED COST	<u> </u>	<u> </u>	<u> </u>	\$1,053,233.48

Homestead Air Reserve Base-2 6/6/2011



